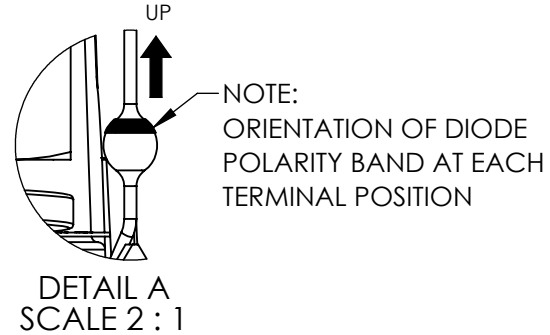
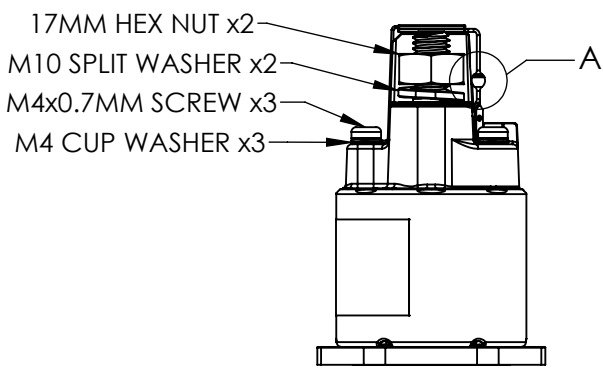
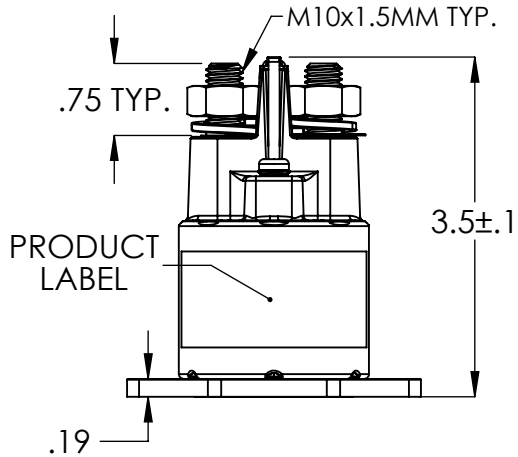
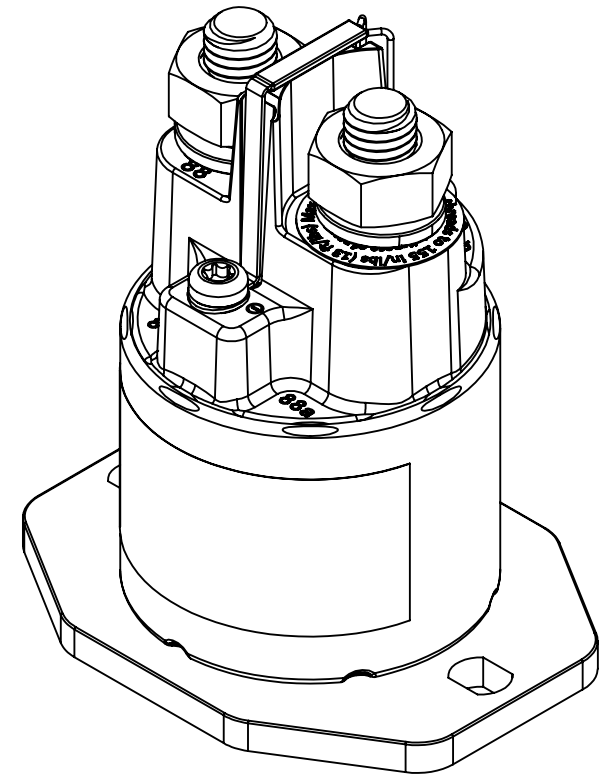
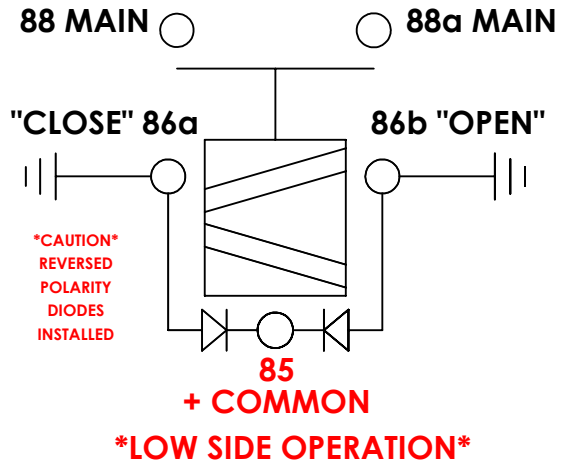
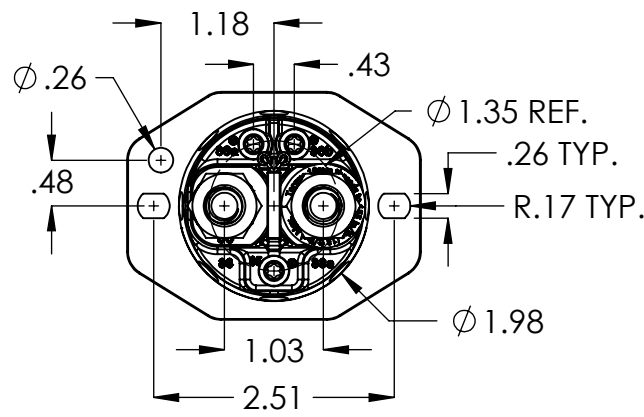


COIL NOT FOR CONTINUOUS USE

BR-200-12-1-34L
12VDC-200AMPS
COIL: 9-16VDC
MADE IN USA

PRODUCT LABEL

			 461 BOSTON STREET - UNIT E6, TOPSFIELD, MA 01983 USA	
			DO NOT SCALE DRAWING	
			TITLE: BI-STABLE RELAY 12VDC-200AMPS 9-16VDC COIL LOW SIDE OPERATION	
			BLANK WEIGHT: - PART WEIGHT: 1.1LBS	
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/32 ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± .010 THREE PLACE DECIMAL ± .005			SIZE A DWG. NO. BR-200-12-1-34L REV. SHEET 1 OF 2	
			SCALE: 1:2 BR-200-12-1-34L Website WWW.SPECTRUMIND.COM	

REV.	DESCRIPTION	DATE	APP'D	REV.	DESCRIPTION	DATE	APP'D
REVISIONS				REVISIONS			

Bi-Stable Relay Technical Data

Temperature range: -40 C to +85°C
 -40°F to +185°F
 Max. Altitude rating: 50,000 ft.
 Seal: IP67: IEC 60529
 Shock: 6g, 11ms, Saw Tooth
 Vibration: SAE J1455, Appendix A Cat. 2,
 4g - 10Hz-2000Hz

Electrical Characteristics

Min. Insulation Resistance: 100 MΩ
 Dielectric withstanding voltage: 1025 V / 1 min.
 Max. Contact drop, initial: 150 mV
 (CTQ <0.0009 VDC @ 24 VDC 1AMP, MAX)
 Duty rating, Continuous: 200 A

Rated Contact Load 12 VDC

Resistive load: 50,000 cycles 200 A
 Inductive load: 10,000 cycles 100 A
 Motor load: 50,000 cycles 200 A
 Bounce: ≤ 5 ms
 Break: ≤ 5 ms

Coil Data 12 VDC

Nominal voltage: 12 VDC
 Voltage range: 9-16 VDC
 (CTQ @ 7VDC)
 Pull closed coil resistance: 1.92 Ω, ± 10% (85-86a Momentary)
 Pull open coil resistance: 2.38 Ω, ± 10% (85-86b Momentary)
 Minimum Pulse Length: 100ms
 Maximum Pulse Length: 2.5 sec. (single operation per minute)
 Max. operations per minute: 6 (Pulse <0.4sec)

SPECTRUM INDUSTRIES
 461 BOSTON STREET - UNIT E6
 TOPSFIELD, MA 01983
 LOCAL: (978) 887-2020

	NAME	DATE
DRAWN	JRT	10-18-22
CHECKED		
ENG APPR.	RMF	10-18-22
MFG APPR.		
Q.A.		

		
461 BOSTON STREET - UNIT E6, TOPSFIELD, MA 01983 USA		
DO NOT SCALE DRAWING		
TITLE: BI-STABLE RELAY 12VDC-200AMPS 9-16VDC COIL LOW SIDE OPERATION		
SIZE A	DWG. NO. BR-200-12-1-34L	REV.
SCALE: 1:2		SHEET 2 OF 2
BR-200-12-1-34L Website		WWW.SPECTRUMIND.COM

DWG NO: BR-200-12-1-34L